



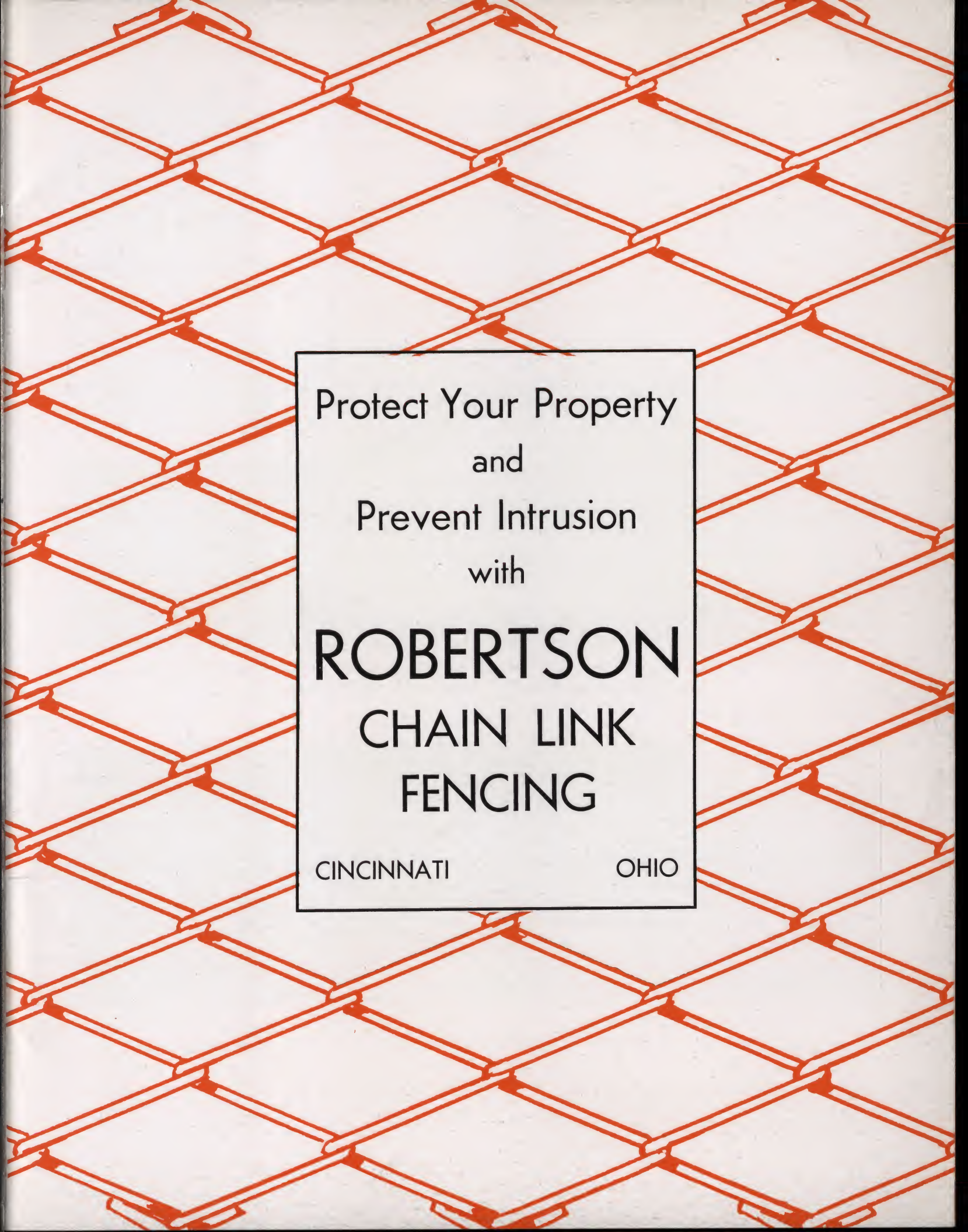
ROBERTSON

CINCINNATI

CHAIN LINK FENCING

**ROBERTSON
STEEL & IRON CO.**
CINCINNATI, OHIO.

for
ESTATES
HOMES
PLAYGROUNDS
SCHOOLS
FACTORIES
RAILROADS
AIRPORTS
HIGHWAYS
PARKS
FARMS
etc.



Protect Your Property
and
Prevent Intrusion
with

ROBERTSON
CHAIN LINK
FENCING

CINCINNATI

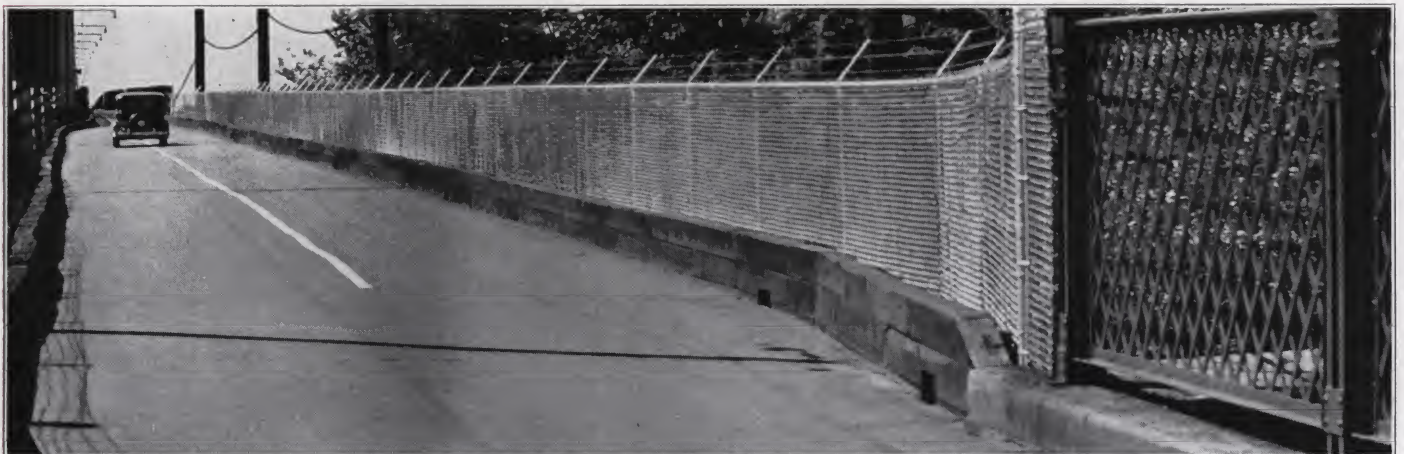
OHIO

A Fence for Every Type of Enclosure

economical — permanent — attractive



Completely enclosing the grounds of this cotton mill in Virginia, ROBERTSON-CINCINNATI Chain Link Fencing provides a 24-hour-a-day barrier against trespassing.



ROBERTSON-CINCINNATI Chain Link Fencing, with barbed wire strands on top, serves as an attractive, durable, non-climbable guard rail on this heavily travelled bridge.



One and a half miles of ROBERTSON-CINCINNATI Chain Link Fence protects the estate of Mr. Powell Crosley, Jr., Cincinnati, Ohio.

SPECIFICATIONS COVERING MATERIALS USED IN THE MANUFACTURE OF ROBERTSON-CINCINNATI CHAIN-LINK FENCES

WIRE used in fabricating Chain Link Fence is W&M gauge, basic wire, with copper content .20 to .30%. Tensile strength over 70,000 lbs. per square inch. Furnished galvanized before weaving, or galvanized after weaving by the hot dip process with zinc coating of approximately 7%.

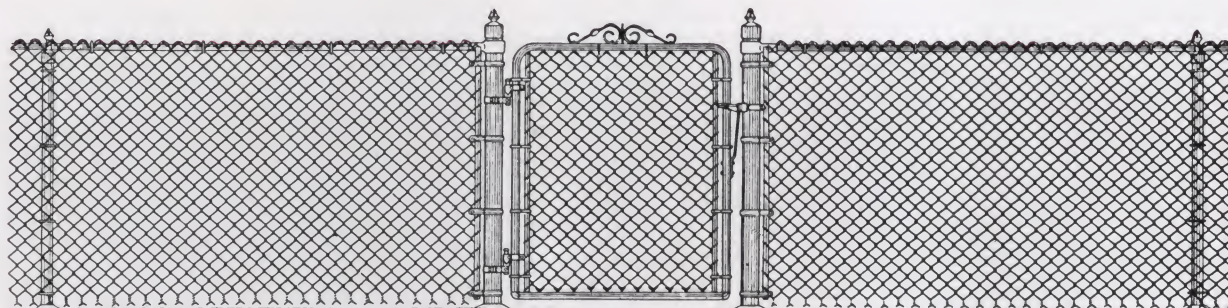
FRAMEWORK is of copper bearing structure steel pipe, with copper content .20 to .30%, and heavily galvanized by the hot dip process, with zinc coating weighing approximately 2.4 oz. per square foot.

CASTINGS for fence and gate fittings are of the best grade of malleable iron, other fittings are of pressed steel, all heavily galvanized by the hot dip process.

**CHAIN LINK
FENCING**

CHAIN LINK LAWN FENCE

for Attractiveness and Durability



Styles Nos. 100 and 200—Specifications

Copper bearing steel used throughout

STYLE No. 100

HEIGHT OF FABRIC AND FENCE—3, 3½, or 4 feet.

FABRIC—2-inch mesh Chain Link Nos. 6, 9 or 11 W. & M. gauge wire, with one selvage barbed and the other knuckled. Either selvage may be placed at the top.

FINISH—All fabric is made from copper bearing steel wire, either galvanized before weaving, or galvanized after weaving by the hot dip process, as ordered.

LINE POSTS—1½-inch O. D. hot galvanized steel pipe, weighing approximately 2.27 pounds per foot, spaced 10 feet apart, set 2 feet in concrete.

TOP RAIL—1¾-inch O. D. hot galvanized steel pipe weighing approximately 1.68 pounds per foot, joined with expansion sleeve couplings. Top rail is securely fastened to end, gate and corner posts by means of suitable pressed steel connections, forming a continuous brace from end to end of each stretch of fence. If top rail is omitted a number 6 gauge coiled spring wire is used in lieu thereof.

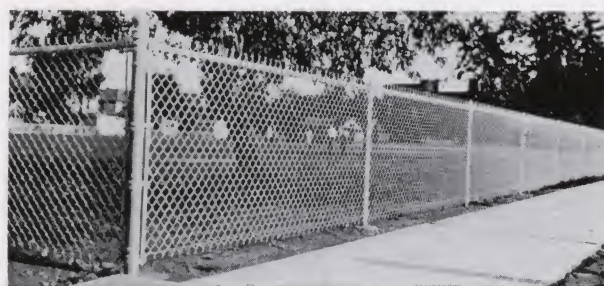
END, CORNER AND GATE POSTS—2-inch O. D. hot galvanized steel pipe weighing approximately 2.72 pounds per foot, set 2½ feet in concrete.

STANDARD WALK GATES—3 ft., 3½ ft. or 4 ft. openings, with 1½-inch O. D. hot galvanized pipe frames, ornamental scroll tops, fabric to match fence. Special width gates made to order.

DRIVEWAY GATES, SINGLE OR DOUBLE—8, 10, 12 and 14 foot openings, standard with 1½ or 1¾-inch O. D. hot galvanized pipe frames, ornamental scroll top, fabric to match fence. Special widths made to order.

STYLE No. 200

Same specifications as for Style No. 100 except line posts are 2-inch O. D. hot galvanized steel pipe weighing approximately 2.72 pounds per foot, set 2 feet in concrete.

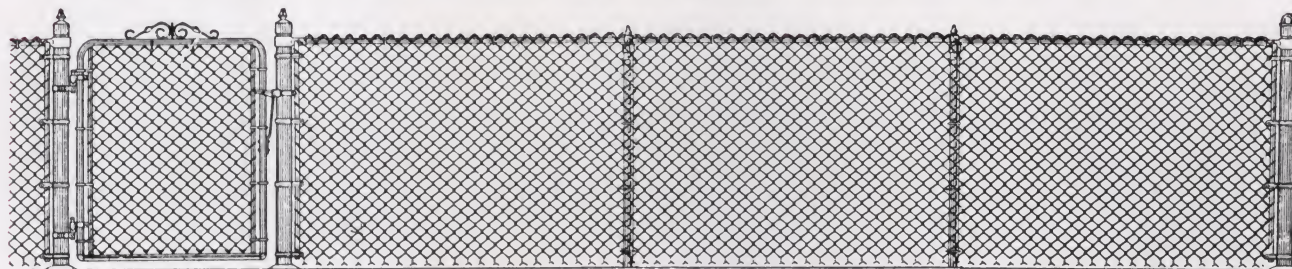


END, CORNER AND GATE POSTS—2½-inch O. D. (weight 3.65 lbs. per ft.) or 3-inch O. D. (weight 5.79 lbs. per ft.) hot galvanized steel pipe, set 3 feet in concrete.

GATES—single or double, made with 1½, 1¾ or 1⅝-inch O. D. hot galvanized pipe frames, with or without scroll top, for any width of opening, fabric to match fence.

ROBERTSON DRIVE-POST TYPE LAWN FENCE IS ESPECIALLY SUITABLE FOR BACKYARD AND DIVISION FENCE INSTALLATIONS

It Combines the Advantages of Positive Protection and Low Costs



STYLE No. 300 — Specifications

Copper bearing steel used throughout

HEIGHT OF FABRIC AND FENCE—3, 3½ or 4 feet.

FABRIC—2-inch mesh Chain Link Nos. 9 or 11 W. & M. gauge wire, with one selvaige barbed and the other knuckled. Either selvaige may be placed at the top.

FINISH—All fabric is made from copper bearing steel wire, either galvanized before weaving, or galvanized after weaving by the hot dip process, as ordered.

TOP RAIL—1½-inch O. D. hot galvanized steel pipe weighing approximately 1.68 pounds per foot, joined with expansion sleeve couplings. Top rail is securely fastened to end, gate and corner posts by means of suitable pressed steel connections, forming a continuous brace from end to end of each stretch of fence. If top rail is omitted a number 6 gauge coiled spring wire is used in lieu thereof.

END, CORNER AND GATE POSTS—2-inch O. D. hot galvanized steel pipe weighing approximately 2.72 pounds per foot, set 2½ feet in concrete.

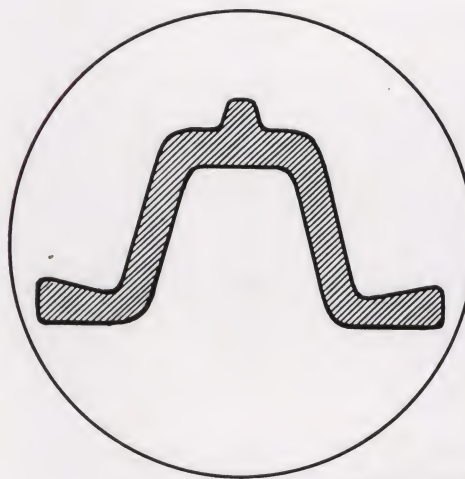
STANDARD WALK GATES—3 ft., 3½ ft. or 4 ft. openings with 1½-inch O. D. hot galvanized pipe frames, ornamental scroll tops, fabric to match fence. Special width gates made to order.

DRIVEWAYS GATES, SINGLE OR DOUBLE—8, 10, 12 and 14 foot openings, standard with 1½ or 1¾-inch O. D. hot galvanized pipe frames, ornamental scroll top, fabric to match fence. Special widths made to order.

LINE DRIVE POSTS—As illustrated at right, are used for all intermediate posts. These are high carbon steel, U-shaped and equipped with drive plates which hold posts firmly in the ground. Spaced on 10-ft. centers. Line posts may be set in concrete if desired.



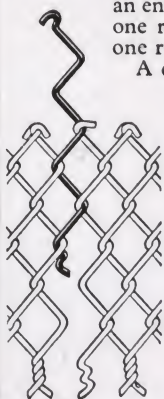
LINE DRIVE POST



FULL SIZE
CROSS SECTION
OF DRIVE POST

It's Easy to Splice Chain Link Fencing

Many times it is impossible to ship an entire length of chain link fabric in one roll due to the size or weight of one roll.

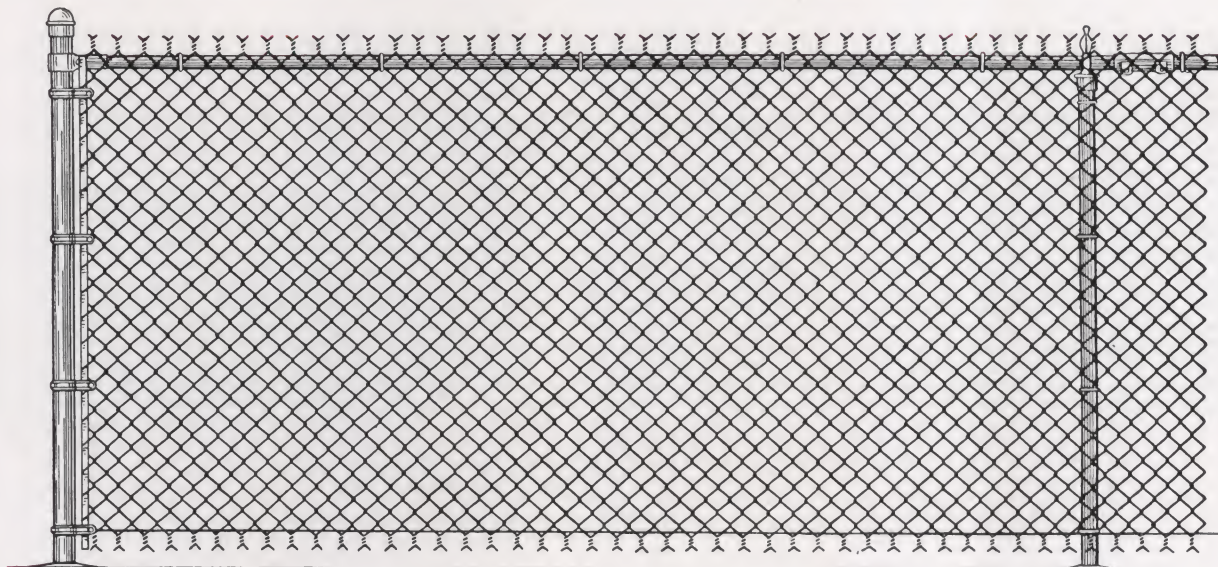


A chain link fence is very easy to splice. If you find it necessary to splice rolls of this fence, it is done by untwisting the end strand of one roll (same as reversing a corkscrew) bringing the ends of the two rolls together and "corkscrewing" the loose strand back through the end strand of both rolls. Twist up the ends neatly to match other stay wires in the Fence.

This makes a perfect splice. To cut rolls simply take out strand at length desired.

CHAIN LINK FENCING

MEDIUM CONSTRUCTION FENCE



STYLE No. 400

Copper bearing steel
used throughout



HEIGHT OF FABRIC AND FENCE—3, 3½, 4, 5, 6, 7 or 8 feet.

FABRIC—2-inch mesh Chain Link Nos. 6, 9 or 11 W. & M. gauge copper bearing steel galvanized after weaving by the hot dip process, or made from copper bearing galvanized wire (galvanized before weaving).

LINE POSTS—2-inch O. D. steel pipe hot galvanized, weighing approximately 2.72 pounds per foot, spaced 10 feet apart, to be set 2½ feet in concrete.

TOP RAIL—1½-inch O. D. steel pipe hot galvanized, weighing approximately 2.27 pounds per foot, joined with expansion sleeve couplings. Top rail is securely fastened to end, gate and corner posts by means of suitable malleable iron or pressed steel connections, forming a continuous brace from end to end of each stretch of fence. If top rail is omitted a number 6 gauge coiled spring wire is used in lieu thereof.

END AND CORNER POSTS—2½-inch O. D. (weight 3.65 lbs. per ft.) or 3-inch O. D. (weight 5.79 lbs. per ft.) hot galvanized steel pipe, set 3 feet in concrete.

GATE POSTS—2½-inch O. D. hot galvanized steel pipe, weighing approximately 3.65 pounds per foot, set 3 feet in concrete, used for single swing gates up to and including 4 foot openings and double swing gates up to and including 8 foot openings.

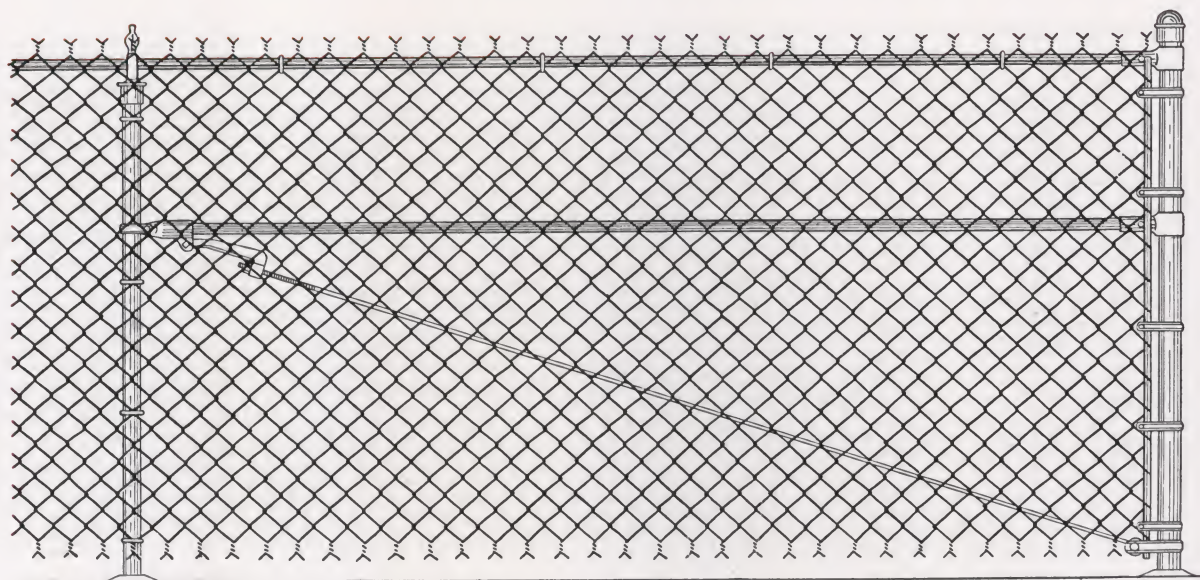
3-inch O. D. weighing approximately 5.79 pounds per foot used for wider gate openings up to and including 8 foot single and 16 foot double swing gates.

4-inch O. D. weighing approximately 9.1 pounds per foot used for over 8 foot up to and including 12 foot single gates and over 16 foot up to and including 24 foot double gates.

BRACES—End, Gate, Corner and Pull Posts—for fences 6 foot or higher, are rigidly braced by means of 1½-inch O. D. steel pipe, hot galvanized, weighing 2.27 pounds per foot. Braces are spaced between top rail and ground and extend from terminal post to next line post horizontally. They are fastened by means of suitable malleable iron or pressed steel connections, then trussed from line post back to terminal post with hot galvanized truss rod, having adjustable take-up.

GATES—Any width, single or double, made with 1½-inch O. D. hot galvanized pipe frames, heavy malleable iron corners and hinges, locking device with arrangement for padlock.

STYLE No. 500—HEAVY CONSTRUCTION



STYLE No. 500— with Tubular Posts . . STYLE No. 500H— with H-Beam Line Posts

Copper bearing steel used throughout

HEIGHT OF FABRIC AND FENCE—5, 6, 7, 8, 9, 10, 11 or 12 feet.

FABRIC—2-inch mesh Chain Link No. 6 or No. 9 W. & M. gauge copper bearing steel wire, either galvanized after weaving by the hot dip process, or galvanized before weaving (made of copper bearing galvanized wire).

LINE POSTS— $2\frac{1}{2}$ -inch O. D. steel pipe, hot galvanized, weighing approximately 3.65 pounds per foot or $2\frac{1}{4}$ -inch H-beam posts, hot galvanized, weighing approximately 4.34 pounds per foot, spaced 10 feet apart, set $2\frac{1}{2}$ feet in concrete for 5-foot height, 3 feet in concrete for heights 6 ft. to 12 ft. inclusive.

TOP RAIL— $1\frac{1}{8}$ -inch O. D. steel pipe hot galvanized, weighing approximately 2.27 pounds per foot, joined with expansion sleeve couplings. Top rail is securely fastened to end, gate and corner posts by means of suitable malleable iron or pressed steel connections, forming a continuous brace from end to end of each stretch of fence. If top rail is omitted a number 6 gauge coiled spring wire is used in lieu thereof.

END, CORNER AND PULL POSTS—3-inch O. D. steel pipe hot galvanized, weighing approximately 5.79 pounds per foot, set 3 feet in concrete.

GATE POSTS—3-inch O. D. steel pipe hot galvanized, weighing 5.79 pounds per foot, used for single swing gates up to and including 6 foot openings and for double swing gates up to and including 12 foot openings.

4-inch O. D., weighing approximately 9.1 pounds per foot, used for single swing gates 7 to 13 foot openings, also for double gates from 14 to 26 foot openings.

6 $\frac{1}{8}$ -inch O. D., weighing approximately 18.97 pounds per foot, used for all single swing gates wider than 13 foot to 18 foot openings and for all double swing gates over 26 foot up to and including 36 foot openings.

BRACES—End, Gate, Corner and Pull Posts—for fences 6 foot or higher, are rigidly braced by means of $1\frac{1}{8}$ -inch O. D. steel pipe, hot galvanized, weighing 2.27 pounds per foot. Braces are spaced between top rail and ground and extend from terminal post to next line post horizontally. They are fastened by means of suitable malleable iron or pressed steel connections, then trussed from line post back to terminal post with hot galvanized truss rod, having adjustable take-up. See above cut.

WALK GATES—Standard 4 foot opening, special sizes to order. Gates have 2-inch O. D. hot galvanized frames, with heavy malleable iron corners, rigidly braced. Complete with heavy duty hinges, latching device and arrangement for padlock. Robertson gates are of very rigid construction. Off-set hinges may be specified, permitting gates to swing back parallel to line of fence.

DRIVEWAY GATES, SINGLE OR DOUBLE—Made for any size opening, 2-inch O. D. frames, same construction as walk gates described above.

CHAIN LINK FENCING

STYLE No. 600—MEDIUM CONSTRUCTION

With Three Strands of Barbed Wire on Top

Copper bearing steel used throughout

(See cut at top of page 9)

OVERALL HEIGHT OF FENCE—5, 6, 7 or 8 feet.

HEIGHT OF FABRIC—One foot less than overall height of fence.

FABRIC—2-inch mesh Chain Link No. 6, 9 or 11 W. & M. gauge copper bearing steel wire, either galvanized after weaving by the hot dipped process, or galvanized before weaving (made of copper bearing galvanized wire).

LINE POSTS—2-inch O. D. hot galvanized steel pipe, weighing approximately 2.72 pounds per foot, spaced 10 feet apart. For fences 5 or 6 feet overall, posts are set 2½ feet in concrete; for 7 and 8 foot overall, fence posts are set 3 feet deep.

TOP RAIL—1½-inch O. D. steel pipe, hot galvanized, weighing approximately 2.27 pounds per foot, joined with expansion sleeve couplings. Top rail passes through base of extension arms and is securely fastened to end, gate and corner posts by suitable malleable iron or pressed steel connections, forming a continuous brace from end to end of each stretch of fence. If top rail is omitted a number 6 gauge coiled spring wire is used in lieu thereof.

END, CORNER AND PULL POSTS—2½-inch O. D. steel pipe, hot galvanized, weighing approximately 3.65 pounds per foot, set 3 feet in concrete, rigidly braced.

GATE POSTS—2½-inch O. D. steel pipe, hot galvanized, weighing approximately 3.65 pounds per foot, used up to and including 4 foot single or 8 foot double gates.

3-inch O. D. pipe, hot galvanized, weighing approximately 5.79 pounds per foot used for over 4 foot up to and includ-

ing 8 foot single gates, and over 8 foot up to and including 16 foot double gates.

4-inch O. D. steel pipe, hot galvanized, weighing approximately 9.1 pounds per foot, used for over 8 foot up to and including 12 foot single gates, and over 16 foot up to and including 24 foot double gates.

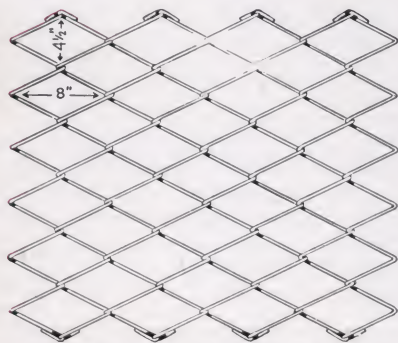
BRACES—End, gate, corner and pull posts for fence 6 ft. or higher are rigidly braced by means of 1½-inch O. D. steel pipe, hot galvanized, weighing 2.27 pounds per foot. Braces are usually spaced about midway between top rail and ground and extend from terminal post to next line post horizontally. They are fastened by means of suitable malleable iron or pressed steel connections, then trussed from line post back to terminal post with hot galvanized truss rod, having adjustable take-up.

GATES—Any width, single or double made with 1½-inch O. D. hot galvanized pipe frames, heavy malleable iron corners and hinges, locking device with arrangement for padlock.

BARBED WIRE—Three strands, made from copper bearing steel, hot dipped galvanized, four point pattern composed of two strands 12½ gauge wire with large sharp barbs spaced 3 inches apart.

EXTENSION ARMS—Malleable iron base with pressed steel arm, hot dipped galvanized. Arms extend either at an angle of approximately 45 degrees, or vertically from tops of line posts. The base fits snugly over top of line post, excluding moisture. END, CORNER, PULL AND GATE POSTS—Can be equipped with solid malleable 45 degree extension arms if desired.

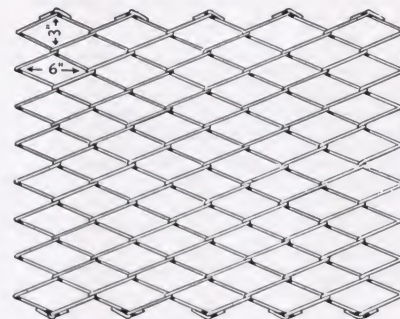
Robertson Chain Link Estate Fencing



4½" x 8" diamond mesh No. 9 gauge.
Made in any height in multiples of
4½" up to 85½" high.

Especially designed for enclosing Private Estates, Parks, Fair Grounds, Race Tracks, Zoological Gardens, Pens, Stockades, Reserves, etc.

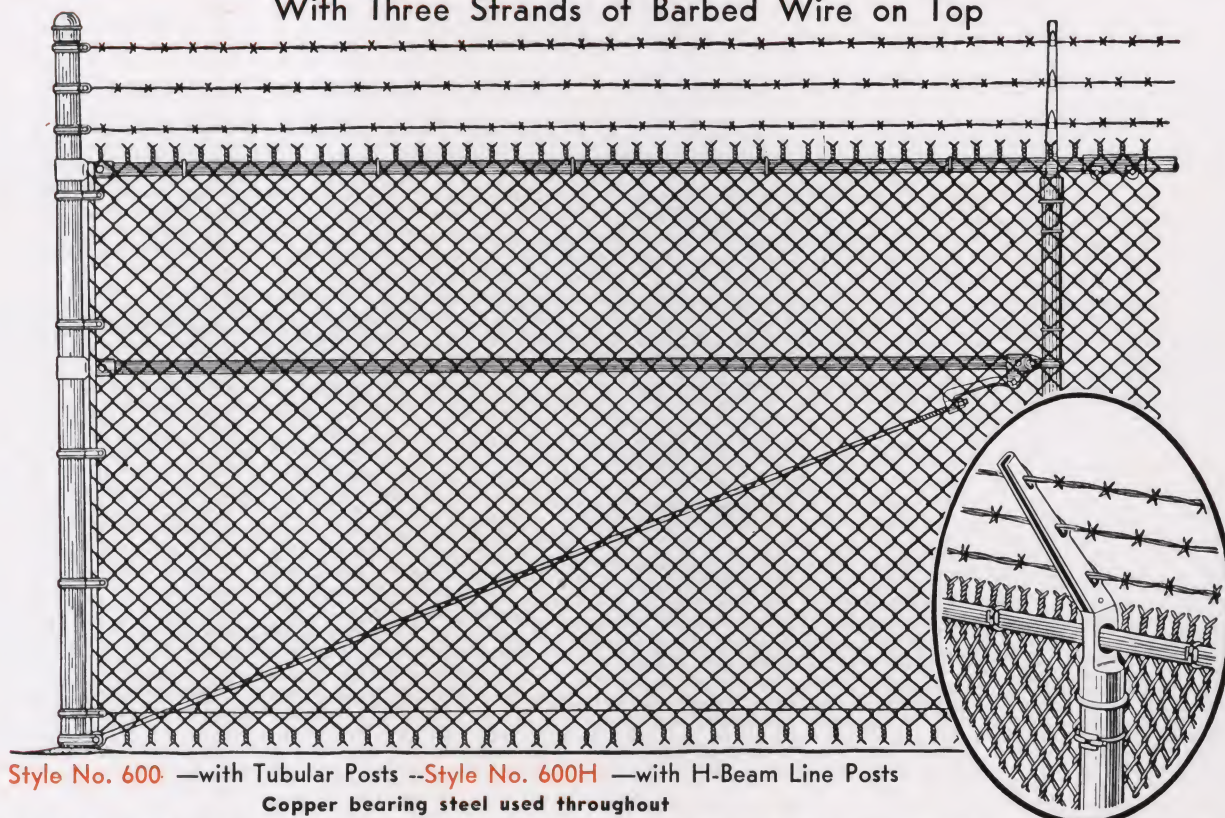
Both styles can be furnished made of copper bearing galvanized wire ("galvanized BEFORE weaving"), or copper bearing steel wire hot dipped galvanized AFTER weaving. Both selvages knuckled. Gates furnished to match fence. Fabrics can be easily cut or spliced by removing or inserting one vertical spiral picket. Attractive in design and easy to erect.



3" x 6" diamond mesh No. 9 or 11 gauge. Made in any height in multiples of 3" up to 84" high.

STYLE No. 600— HEAVY CONSTRUCTION

With Three Strands of Barbed Wire on Top



Style No. 600 —with Tubular Posts --Style No. 600H —with H-Beam Line Posts

Copper bearing steel used throughout

OVERALL HEIGHT OF FENCE—7, 8, 9, 10, 11 or 12 feet.
HEIGHT OF FABRIC—One foot less than overall height of fence.

FABRIC—2-inch mesh Chain Link No. 6 or No. 9 W. & M. gauge copper bearing steel wire, either galvanized after weaving by the hot dip process, or galvanized before weaving (made of copper bearing galvanized wire).

LINE POSTS—2½-inch O. D. (weight 3.65 lbs. per ft.), hot galvanized steel pipe, or 2¼-inch H-beam posts, hot galvanized, weighing approximately 4.34 pounds per foot, spaced 10 feet apart, set 3 feet deep in concrete.

TOP RAIL—1½-inch O. D. steel pipe, hot galvanized, weighing approximately 2.27 pounds per foot, joined with expansion sleeve couplings. Top rail passes through base of extension arms and is securely fastened to end, gate and corner posts by suitable malleable iron or pressed steel connections, forming a continuous brace from end to end of each stretch of fence. If top rail is omitted a number 6 gauge coiled spring wire is used in lieu thereof.

END, CORNER AND PULL POSTS—3-inch O. D. steel pipe, hot galvanized, weighing 5.79 pounds per foot, set 3 feet in concrete, rigidly braced.

GATE POSTS—3-inch O. D. steel pipe hot galvanized, weighing 5.79 pounds per foot, used for single swing gates up to and including 6 foot openings and for double swing gates up to and including 12 foot openings.

4-inch O. D., weighing approximately 9.1 pounds per foot, used for single swing gates 7 to 13 foot openings, also for double gates from 14 to 26 foot openings.

6½-inch O. D., weighing approximately 18.97 pounds per foot, used for all single swing gates wider than 13 foot to 18 foot openings and for all double swing gates over 26 foot up to and including 36 foot opening.

BRACES—End, gate, corner and pull posts are rigidly braced by means of 1½-inch O. D. steel pipe, hot galvanized, weighing 2.27 pounds per foot. Braces are usually spaced about mid-way between top rail and ground and extend from terminal post to next line post horizontally. They are fastened by means of suitable malleable iron or pressed steel connections, then trussed from line post back to terminal post with hot galvanized truss rod, having adjustable take-up. See above cut.

WALK GATES—Standard 4 foot opening, special sizes to order. Gates have 2-inch O. D. hot galvanized frames, with heavy malleable iron corners rigidly braced. Complete with heavy duty hinges, latching device and arrangement for padlock. Robertson Gates are of rigid construction, having three strands of barbed wire on top. Offset hinges may be specified, permitting gates to swing back parallel to line of fence.

DRIVEWAY GATES, SINGLE OR DOUBLE—Made for any size opening, 2-inch O. D. frames, same heavy construction as walk gates described above, three strands of barbed wire on top.

BARBED WIRE—Three strands, made from copper bearing steel, hot dip galvanized, four point pattern composed of two strands 12½ gauge wire with large sharp barbs spaced 3 inches apart.

EXTENSION ARMS—Malleable iron base with pressed steel arm, hot dipped galvanized. Arms extend either at an angle of approximately 45 degrees, or vertically from tops of line posts. The base fits snugly over top of line post, excluding moisture. END, CORNER, PULL AND GATE POSTS—Can be equipped with solid malleable 45 degree extension arms if desired.

ROBERTSON HEAVY DUTY CHAIN LINK FENCE WITH FIVE STRANDS OF BARBED WIRE ON TOP

STYLE No. 700
(with tubular posts)

STYLE No. 700H
(with H beam line posts)

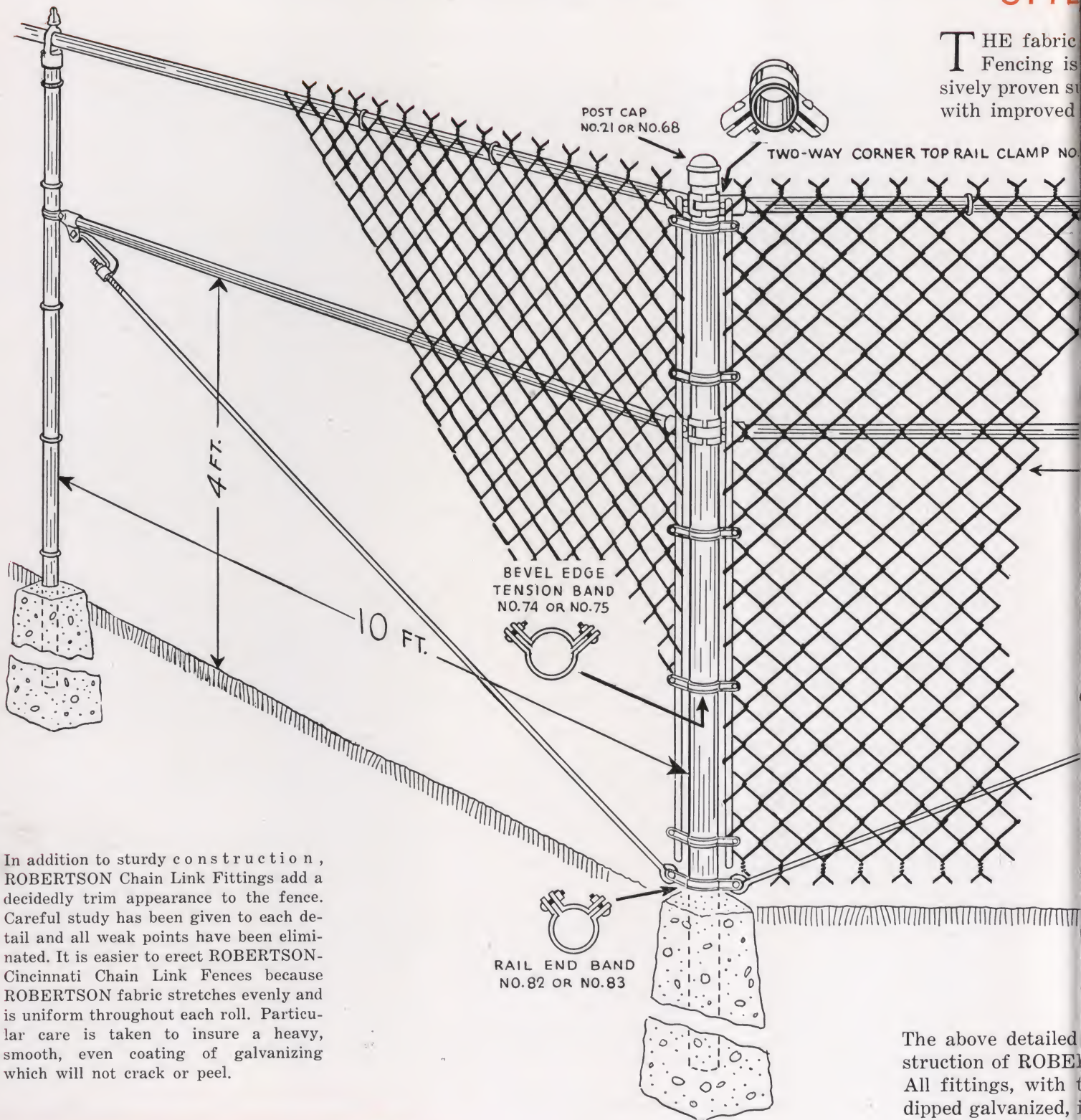
Same specifications as for Style 600 except five strands of barbed wire are used instead of three. Barbed wires are carried on extension arms of the inverted V type.

All gates are equipped with five strands of barbed wire on top.



A STURDY, DURABLE ENCLOSURE STYLE

THE fabric
Fencing is
sively proven st
with improved



In addition to sturdy construction, ROBERTSON Chain Link Fittings add a decidedly trim appearance to the fence. Careful study has been given to each detail and all weak points have been eliminated. It is easier to erect ROBERTSON-Cincinnati Chain Link Fences because ROBERTSON fabric stretches evenly and is uniform throughout each roll. Particular care is taken to insure a heavy, smooth, even coating of galvanizing which will not crack or peel.

The above detailed construction of ROBERTSON All fittings, with the dipped galvanizing, are bevel-edge to provide take-up for tightening.

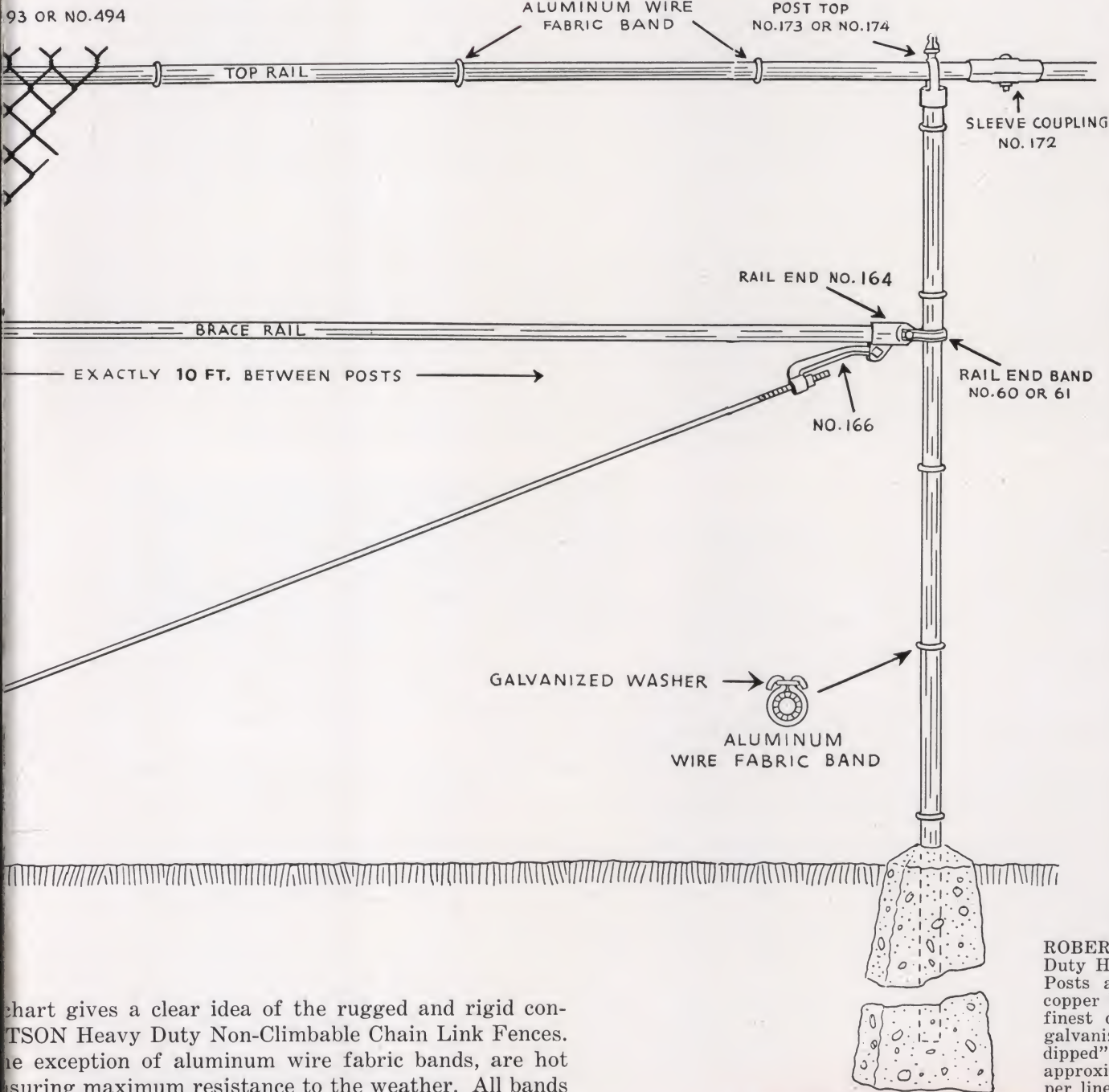
ROBERTSON
CINCINNATI

CLOSURE IN EVERY DETAIL

ES Nos. 400 and 500

in ROBERTSON-CINCINNATI Chain Link Fabric is made of copper-bearing steel wire—conclusion—superior for resisting corrosion. This, together with construction, assures lifelong service.

ROBERTSON-CINCINNATI Chain Link Fabric is manufactured in two principal types: (1) galvanized **after** fabrication, recommended for heavy-duty service—factories, parks, schools, airports, and where atmospheric conditions are severe; (2) galvanized **before** fabrication, for residences, tool room partitions, etc.

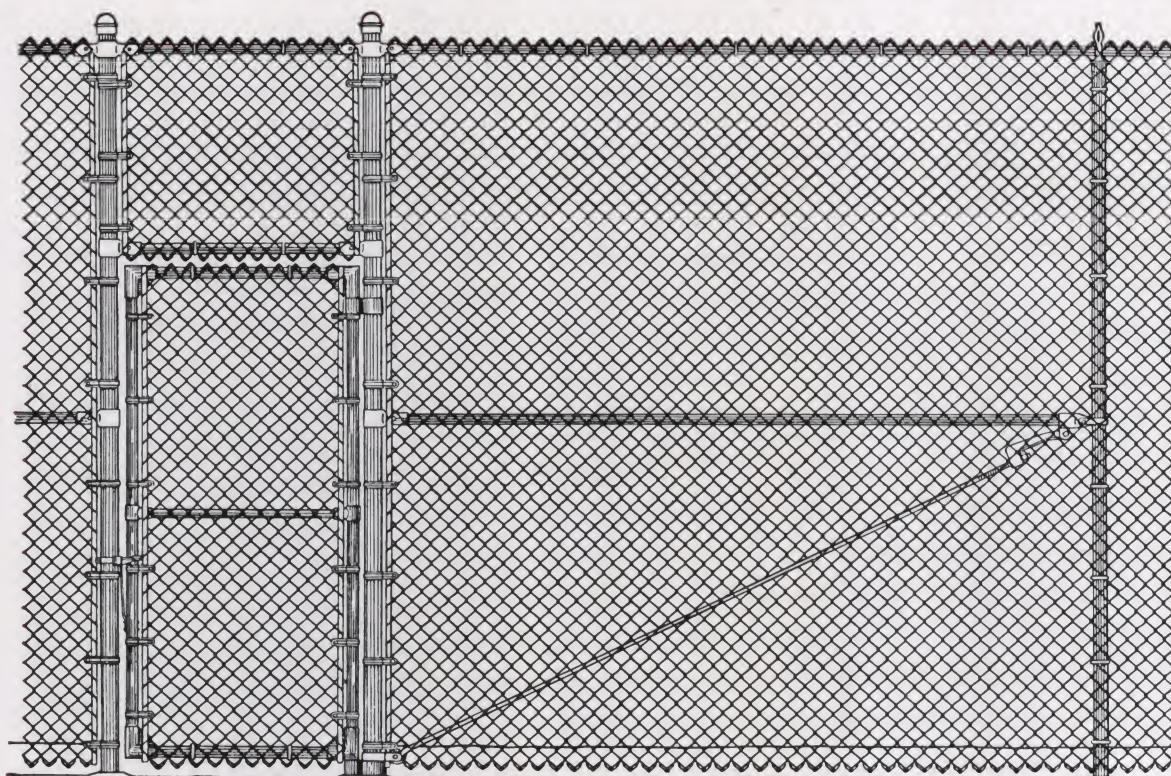


ROBERTSON Heavy Duty H-Beam Line Posts are rolled from copper bearing steel of finest quality and are galvanized by the "hot dipped" process. Weight approximately 4.34 lbs. per lineal foot.

chart gives a clear idea of the rugged and rigid construction of ROBERTSON Heavy Duty Non-Climbable Chain Link Fences. The exception of aluminum wire fabric bands, are hot galvanized for maximum resistance to the weather. All bands prevent toe hold. Brace rods are adjustable with ample strength. All frame work is hot galvanized in pure zinc.

CHAIN LINK FENCING

CHAIN LINK TENNIS COURT FENCING



STYLE No. 800 — Specifications

Copper Bearing Steel used throughout

HEIGHT OF FABRIC AND FENCE—8, 10 or 12 feet, special heights to order.

FABRIC—1 $\frac{3}{4}$ -inch mesh Chain Link No. 11 W. & M. gauge wire, with both selvages knuckled, all widths in one piece.

FINISH—Copper bearing steel galvanized after weaving by the hot dip process, or made from copper bearing galvanized wire (galvanized before weaving).

LINE POSTS—2-inch O. D. steel pipe, hot galvanized, weighing approximately 2.72 pounds per foot, spaced 10 feet apart for 8 and 10 foot fences, 8 feet apart for 12 foot height, set 3 feet in concrete.

TOP RAIL—1 $\frac{3}{4}$ -inch O. D. steel pipe, hot galvanized, weighing approximately 1.67 pounds per foot, joined with expansion sleeve couplings. Top rail passes through post top and forms a continuous brace from end to end of each section of fence. It is securely fastened to end, corner and gate post by suitable malleable iron or pressed steel connections.

END, CORNER AND GATE POSTS—For 8 and 10 foot heights, 2 $\frac{1}{2}$ -inch O. D. (weight 3.65 lbs. per ft.), for 12 foot fences; 3-inch O. D. (weight 5.79 lbs. per ft.) hot galvanized steel pipe, set 3 feet deep in concrete, rigidly braced.

BRACES—End, gate and corner posts are rigidly braced by means of 1 $\frac{3}{4}$ -inch O. D. steel pipe, hot galvanized, weighing approximately 2.27 pounds per foot. Braces are spaced midway between top rail and ground and extend to next line post. They are fastened by means of hot galvanized

malleable iron or pressed steel connections, then trussed from line post back to terminal post, with adjustable take-up.

MIDDLE RAIL—If desired 1 $\frac{3}{4}$ -inch O. D. middle rail weighing 1.67 pounds per foot, hot galvanized steel pipe, may be furnished at slight extra cost. Required for 12 foot height.

GATES—Standard width for walk gate 3 $\frac{1}{2}$ foot opening, 7 feet high with transom above. Double drive gate usually 8 or 10 foot opening. Gate frames 1 $\frac{3}{4}$ -inch O. D. hot galvanized steel pipe.

ROBERTSON CHAIN LINK TENNIS COURT FENCES HEAVY CONSTRUCTION

Style No. 900

(with tubular posts)

Style No. 900H

(with H-beam line posts)

Same as for No. 800, except line posts are 2 $\frac{1}{2}$ -inch O. D. steel pipe, hot galvanized, weighing approximately 3.65 pounds per foot; or 2 $\frac{1}{4}$ -inch H-beam post, hot galvanized, weighing approximately 4.34 pounds per foot, spaced 10 feet apart, set 3 feet in concrete.

END, CORNER AND GATE POSTS—3-inch O. D. steel pipe, hot galvanized, weighing approximately 5.79 pounds per foot, set 3 feet deep in concrete.

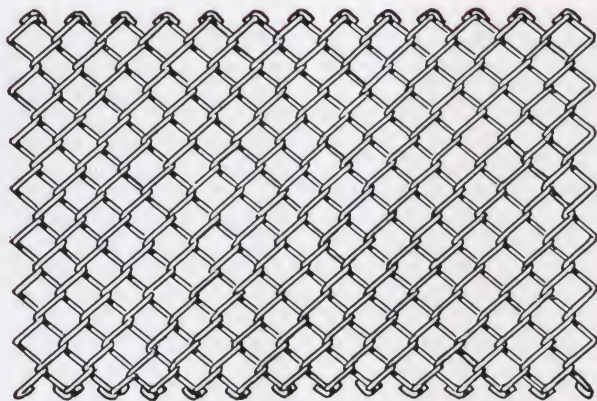
TOP RAIL and braces for terminal posts 1 $\frac{3}{4}$ -inch O. D. steel pipe, hot galvanized, weighing approximately 2.27 pounds per foot.

FABRIC—Either 2-inch mesh No. 9 W. & M. gauge or 1 $\frac{3}{4}$ -inch mesh No. 11 W. & M. gauge chain link, galvanized before or after weaving.

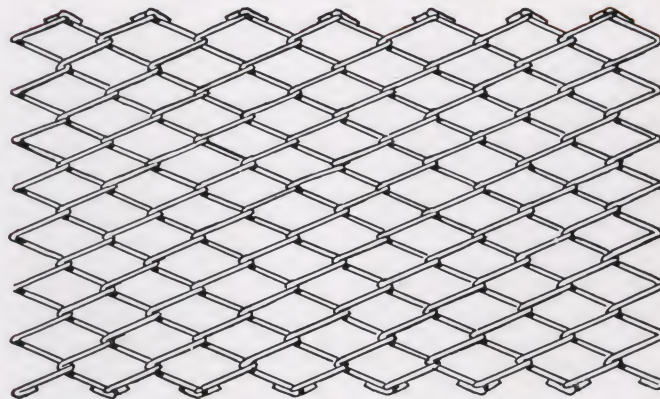
MIDDLE RAIL—1 $\frac{3}{4}$ -inch O. D. steel pipe, hot galvanized, weighing approximately 2.27 pounds per foot, standard on 12 foot height. Can be furnished at slight extra cost on other heights.

CHAIN LINK ROAD GUARD

Cushions the Shock



Standard 2" square mesh No. 6 gauge 24" wide,
both selvages knuckled.



Heavy duty 3" x 6" diamond mesh No. 4 gauge 24" wide,
both selvages knuckled.

When struck by automobile, Chain Link Road Guard stretches and cushions the shock, thereby saving damage to the machine and its occupants. When painted white, because of increased visibility, it forms a prominent ribbon of safety which cautions and protects night drivers. Both types of ROBERTSON-Cincinnati Chain Link Road Guard illustrated below are made of special quality rust-resisting copper bearing steel wire, hot dipped galvanized after weaving. Either type may be easily spliced with the other for repair purposes.



Road between Blacksburg and Christianburg, Va.—State Route 23—
made safer by ROBERTSON-CINCINNATI Chain Link Guard.



ROBERTSON-CINCINNATI New Heavy Duty CHAIN LINK ROAD
GUARD erected on hill near Cincinnati, O.

Test of Robertson-Cincinnati Chain Link Road Guard Made by Pittsburgh Testing Laboratory

Laboratory Tests Nos. 63005-63305, Length of samples, about 4 feet; actual width, 24 inches.
Report of Tensile Strength of CHAIN LINK FENCING FABRIC for W. F. ROBERTSON STEEL & IRON CO., Cincinnati, Ohio.

LOAD—Applied Pounds	ELONGATION of fabric under load, in inches		REDUCTION IN WIDTH of fabric under load, in inches	
	Old Style 2" x No. 6	New Style 3" x No. 4	Old Style 2" x No. 6	New Style 3" x No. 4
500	.00	.00	.00	.00
1000	.50	.06	.12	.25
1500	1.00	.37	.87	.50
2000	3.87	.62	3.12	.75
2500	6.12	.87	5.62	1.25
3000	8.25	1.18	7.62	1.75
3500	9.87	1.56	9.62	2.56
4000	11.12	2.00	10.75	3.37
4500	12.12	2.31	11.87	4.25
*4900	12.62	2.62	12.37	5.00
5500		2.94		5.62
6000		3.18		6.43
6500		3.50		7.00
7000		3.63		7.50
7500		3.81		8.00
8000		3.93		8.25
8500		4.06		8.75
9000		4.18		9.06
†12480				

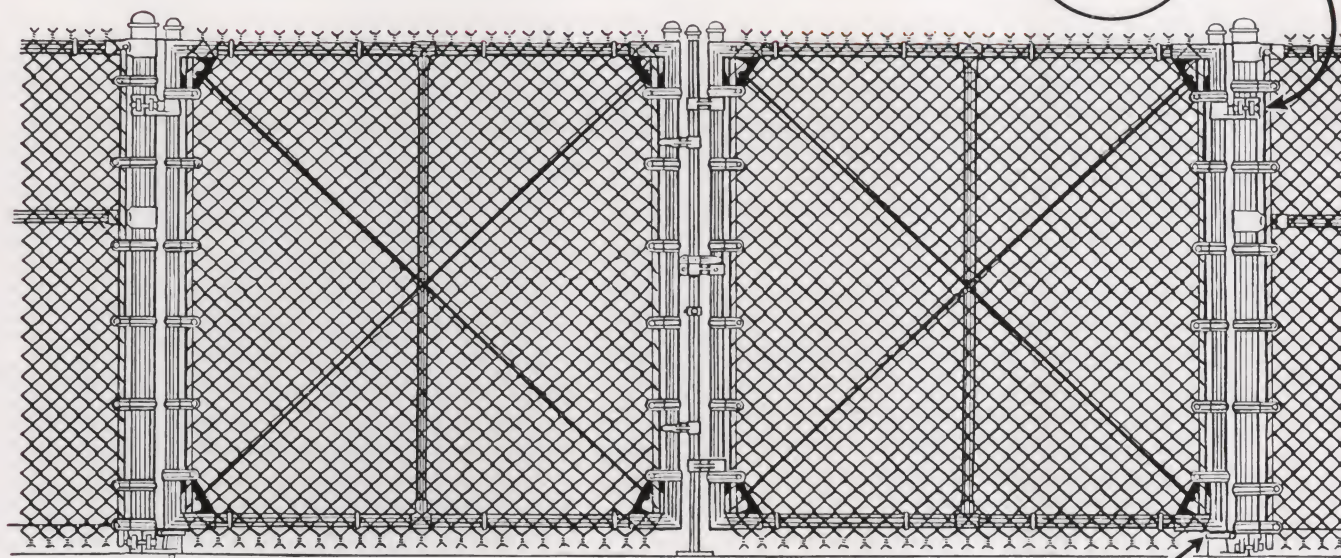
*Ultimate Strength 2 inch x No. 6. End lengths opened up.

†Ultimate Strength of 3 inch x No. 4. End links opened breaking three other links which were clamped on one-half inch bolts in support.

PITTSBURGH TESTING LABORATORY,
(Signed) J. W. Reifsnyder, Engineer of Tests

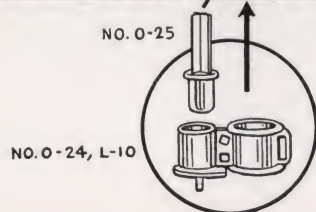
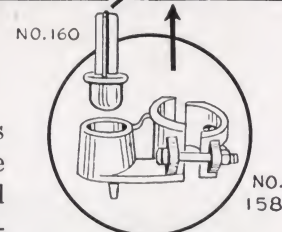
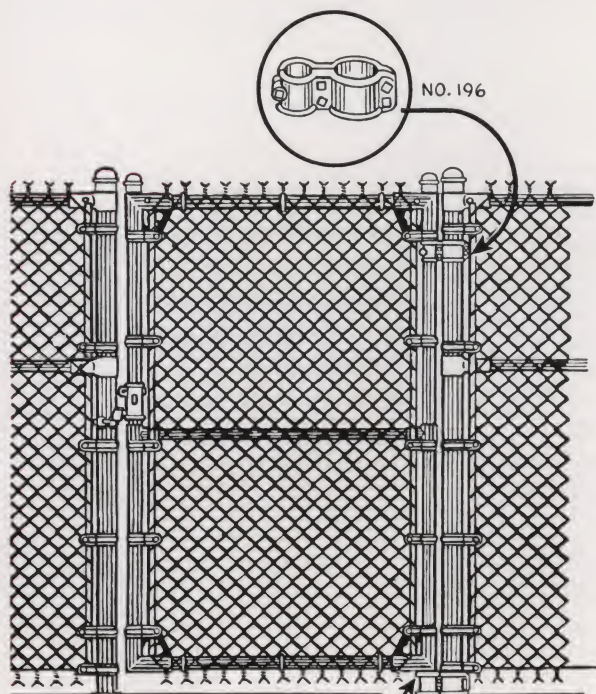
CHAIN LINK FENCING

CHAIN LINK GATES



STYLE No. 500

Standard 2" O. D. hot galvanized frames for both single and double gates. Made with heavy malleable iron corners and equipped with latching device with arrangement for padlock. Offset hinges, permitting gates to swing back parallel to line of fence, furnished upon request. Hinges are of heavy malleable iron type. All fittings hot dipped galvanized.

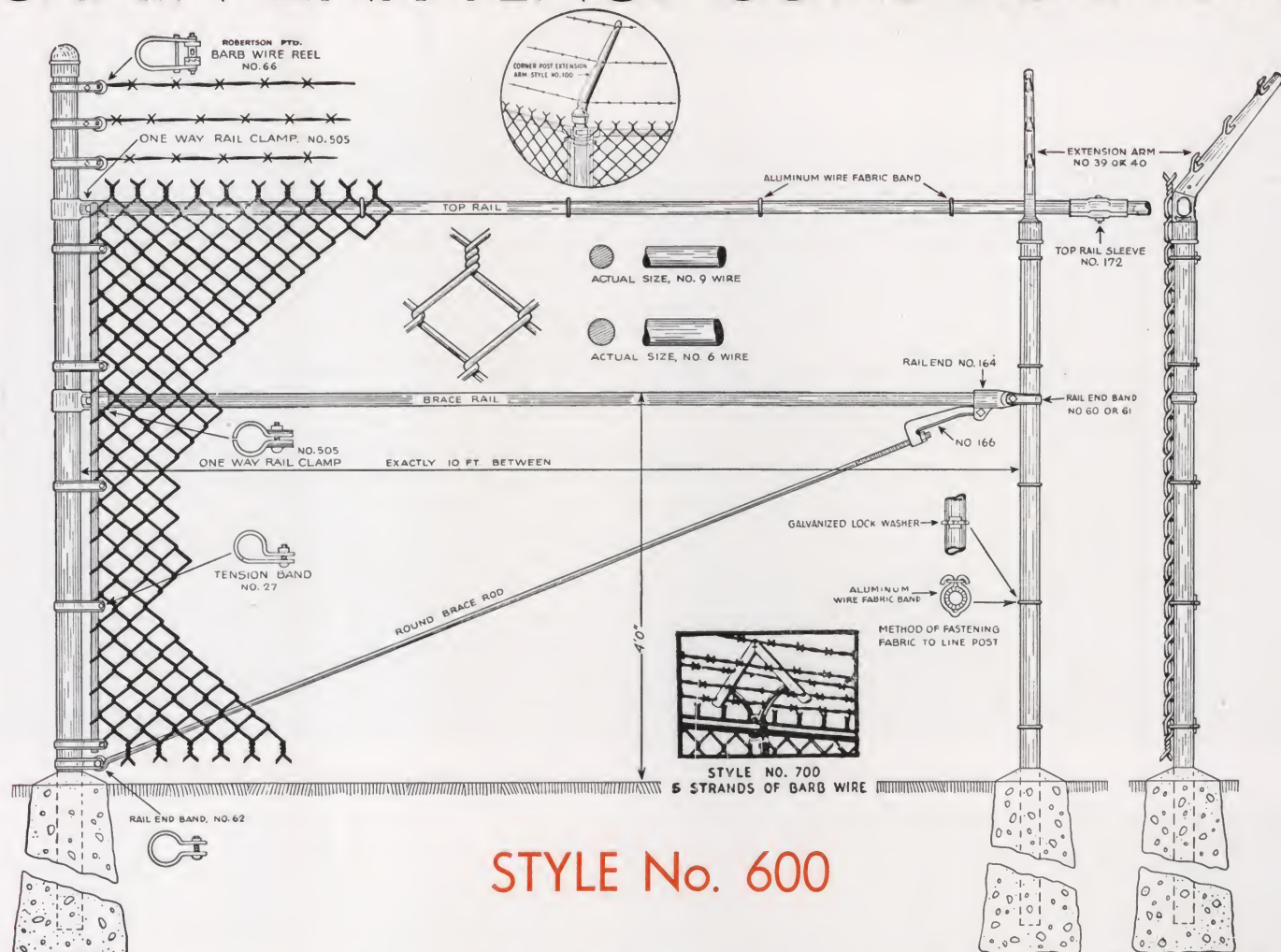


ROBERTSON SLIDE GATES



The above illustration clearly shows the construction of ROBERTSON Sliding Gates. One end of the gate is hung on a pulley rolling on the overhead track. The other end is suspended on a wheel which rolls on a track fastened to the line posts. This simple construction permits ROBERTSON Slide Gates to be very easily operated.

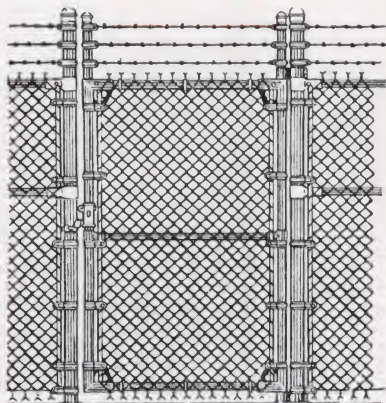
CHAIN LINK FENCE CONSTRUCTION



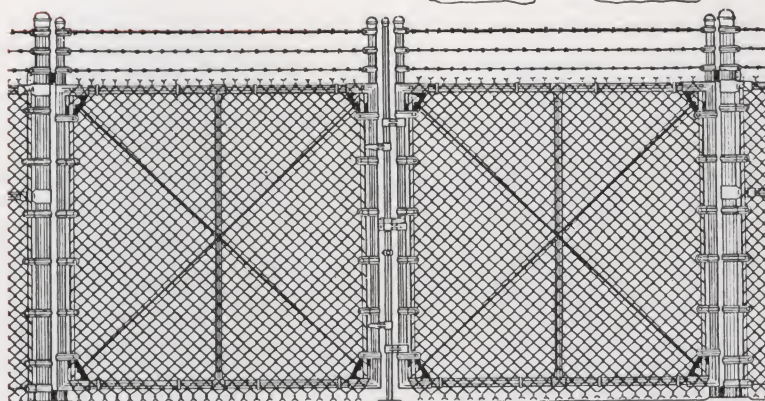
STYLE No. 600

CHAIN LINK GATES

No. 600



ROBERTSON standard medium weight style 600 single swing gate with 1½" O. D. hot galvanized pipe frame. Made with malleable iron corners and equipped with latching device with arrangement for padlock. Exceptionally sturdy construction. Offset hinges, permitting gate to swing back parallel to line of fence, furnished when specified.



ROBERTSON standard Heavy Duty Style 600 double swing gates, with 2" O. D. hot galvanized pipe frames. Made with heavy malleable iron corners and hinges, and equipped with latching device with arrangement for padlock. Gates for openings 12 feet and under are braced, and for openings 14 feet and over are braced and trussed as shown. All fittings for ROBERTSON gates are unusually heavy, assuring rigidity, ease of operation, and long life. Offset hinges, permitting gates to swing back parallel to line of fence, furnished when specified.

POSITIVE PROTECTION



This railroad entrance is securely guarded by ROBERTSON-CINCINNATI Chain Link Fencing and Gates.



ROBERTSON-CINCINNATI Chain Link Fencing, with barbed wire on top, is an impassable barrier to prowlers and other objectionable characters.

ROBERTSON
CINCINNATI

STRICT PRIVACY



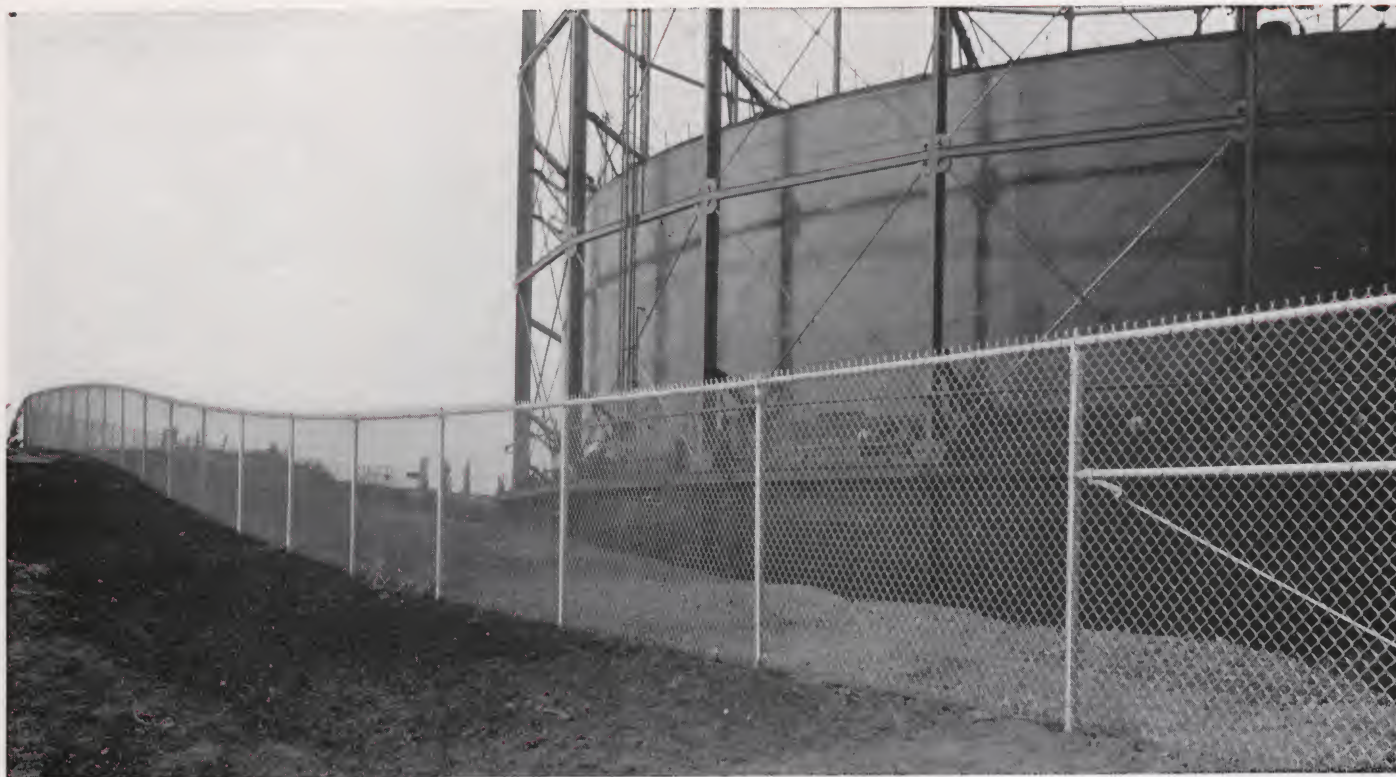
The privacy of estates and institutions is guaranteed by ROBERTSON-CINCINNATI Chain Link Fence.



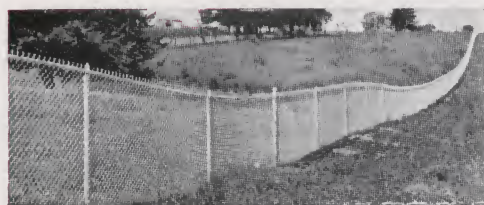
ROBERTSON-CINCINNATI Chain Link Fencing makes the best tennis court back stops and enclosures for both professional and amateur courts.

**CHAIN LINK
FENCING**

ADAPTABLE TO VARIOUS USES

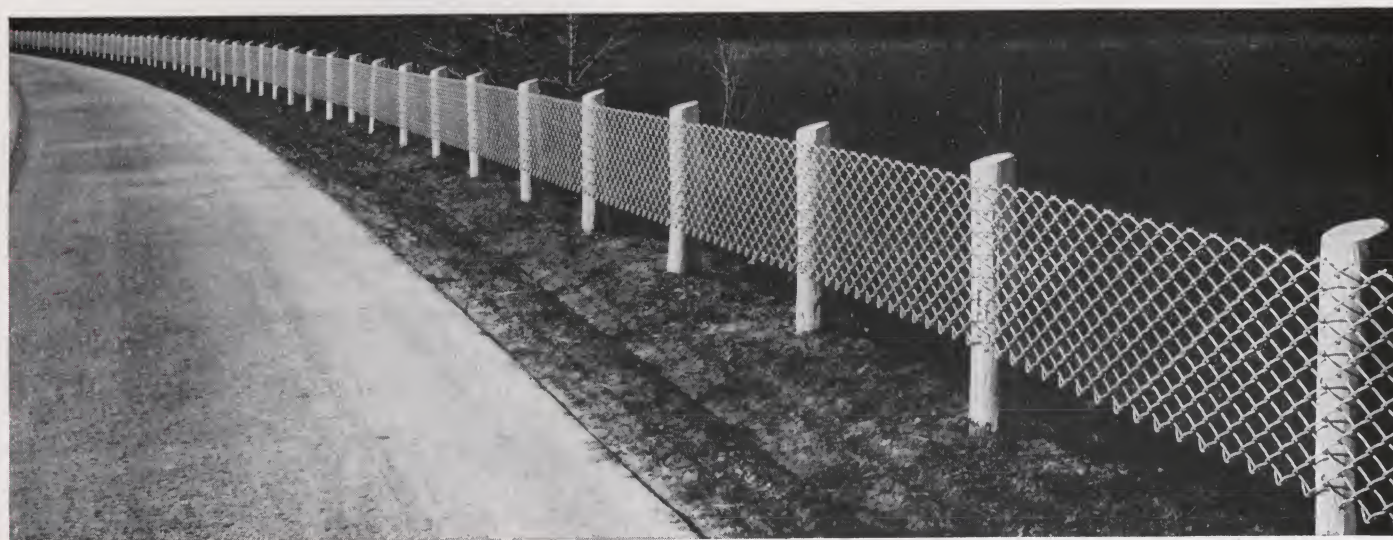


ROBERTSON-CINCINNATI Chain Link Fencing is selected for industrial installations because it effectively guards against thieves and "fire bugs," keeps out trespassers and increases storage space.



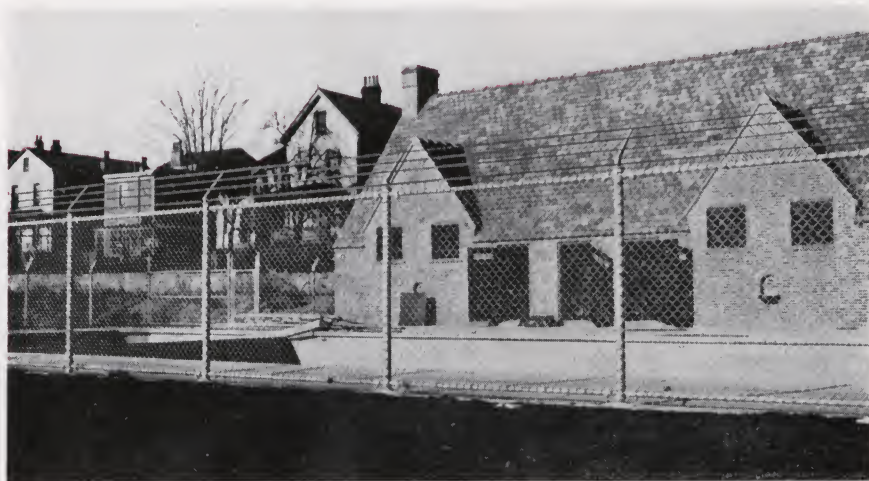
On farms, estates and institutional properties, ROBERTSON-CINCINNATI Chain Link Fencing discourages trespassing and stops pilfering. Note how it follows the contour of the land.

ROBERTSON-CINCINNATI Chain Link Heavy Duty Double Drive Gates. Note the rugged construction—heavy malleable iron corners and hinges, vertical bracings and truss rods.



When struck by automobile, ROBERTSON-CINCINNATI Chain Link Road Guard stretches and cushions the shock, thereby saving damage to the machine and its occupants.

ATTRACTIVE APPEARANCE



A modern swimming pool and bath-house enclosed with ROBERTSON-CINCINNATI Chain Link Fence.

ROBERTSON-CINCINNATI Chain Link Fencing has proven a most practical enclosure because of its sturdiness, durability and neat appearance.



ROBERTSON-CINCINNATI Chain Link Fence, although rugged in construction, does not detract from the beauty of surrounding gardens.

DELIVERED NET RE-SALE PRICE LIST

For the state of PENNSYLVANIA

**Robertson Copper-Bearing Steel Hot Dipped
Galvanized After Weaving Chain Link
Fence, Fabric, Gates, Terminal
Posts, Removable Panels, etc.**

Date

4/11/41
7E 1/2

Cancelling All Previous Price Lists

Subject to Change Without Notice

§

ROBERTSON STEEL & IRON CO.

CINCINNATI, OHIO

COMPLETE ROBERTSON CHAIN LINK FENCE

Complete Chain Link Fence Prices Include Line Posts (Standard Spacing 10' Apart), Top Rail, Fabric and Fittings.

End, Corner and Gate Posts, Gates, Removable Panels, Fan Panels, etc., are Extra. See Price Schedules pages 3 and 4.

Delivered Net Price Per Lineal Foot

LESS CARLOAD

Delivered Net Price Per Lineal Foot

CARLOAD

Style of Fence	Mesh and Gauge	HEAVY CONSTRUCTION								HEAVY CONSTRUCTION							
		2½" O. D. Pipe Line Posts or 2¼" H Beam Posts spaced 10 ft. apart— 1½" O. D. Pipe Top Rail. Over All Height								2½" O. D. Pipe Line Posts or 2¼" H Beam Posts spaced 10 ft. apart— 1½" O. D. Pipe Top Rail. Over All Height							
		5'	6'	7'	8'	9'	10'	11'	★ 12'	5'	6'	7'	8'	9'	10'	11'	★ 12'
500	2"-9	.92	1.03	1.13	1.25	1.38	1.51	1.64	2.00	.91	1.01	1.11	1.22	1.35	1.47	1.60	1.97
"	2"-6	1.12	1.28	1.43	1.60	1.76	1.94	2.11	2.50	1.10	1.25	1.40	1.56	1.72	1.89	2.07	2.44
600	2"-9	.84	.96	1.08	1.18	1.30	1.42	1.56	1.94	.83	.95	1.06	1.16	1.28	1.40	1.53	1.90
"	2"-6	.98	1.17	1.32	1.47	1.64	1.80	1.97	2.34	.97	1.13	1.30	1.44	1.61	1.76	1.93	2.30
700	2"-9			1.18	1.29	1.40	1.53	1.66	2.04			1.16	1.25	1.38	1.50	1.63	2.00
"	2"-6			1.43	1.57	1.74	1.90	2.07	2.45			1.40	1.54	1.71	1.86	2.02	2.40
Style of Fence	Mesh and Gauge	MEDIUM CONSTRUCTION								MEDIUM CONSTRUCTION							
		2" O. D. Pipe Line Posts spaced 10 ft. apart—1½" O. D. Top Rail Over All Height								2" O. D. Pipe Line Posts spaced 10 ft. apart—1½" O. D. Top Rail Over All Height							
400	2"-9	.84	.92	1.01	1.10					.81	.91	1.00	1.09				
"	2"-6	1.03	1.18	1.32	1.46					1.01	1.16	1.30	1.44				
600	2"-9	.79	.88	.97	1.06					.77	.86	.96	1.05				
"	2"-6	.94	1.08	1.22	1.36					.91	1.06	1.20	1.34				
TENNIS COURT FENCE (Heavy Construction)																	
2½" O. D. Pipe Line Posts or 2¼" H Beam Posts spaced 10 ft. apart— 1½" O. D. Pipe Top Rail. Over All Height																	
900	1½"-11 or 2"-9				1.25		1.51		2.00				1.22		1.47		1.97
					1.25		1.51		2.00				1.22		1.47		1.97
TENNIS COURT FENCE (Light Construction)																	
2" O. D. Pipe Line Posts spaced 10 ft. apart—1½" O. D. Pipe Top Rail Over All Height																	
800	1½"-11																
LAWN FENCE																	
		3'	3½'	4'													
100	2"-9	.55	.61	.66	1½" O. D. Pipe Line Posts spaced 10 ft. apart. 1½" O. D. Pipe Top Rail.												
"	2"-11	.50	.55	.61													
200	2"-9	.61	.68	.73	2" O. D. Pipe Line Posts spaced 10 ft. apart. 1½" O. D. Pipe Top Rail.												
"	2"-11	.55	.61	.68													
300	2"-9	.45	.50	.56	U Section Drive Type Line Post spaced 10 ft. apart. 1½" O. D. Pipe Top Rail.												
"	2"-11	.40	.44	.50													
400	2"-9	.65	.72	.77	2" O. D. Pipe Line Posts spaced 10 ft. apart. 1½" O. D. Pipe Top Rail.												
"	2"-11	.59	.65	.72													

Style 800 Tennis Court Construction furnished 12 ft. high with posts spaced 8 ft. apart at same prices for Style 900.

Tennis Net Posts 2½" O. D. Pipe, \$16.50 Pair Including Ratchet.

★ Price includes middle rail which is always supplied in this height.

NOTE. 1. Carload price applies only where quantity of complete fence, including square footage of gates, aggregates 25,000 sq. ft. or more, based on the over all height of fence, for delivery to one purchaser to one destination.

- If 1½" top rail is omitted, deduct.....11c per lineal foot
- If 1½" top rail is omitted, deduct.....15c per lineal foot
- Extra for 1½" center or bottom rail.....22c per lineal foot
- Extra for spacing line posts 6' and 8' apart

	6' Spacing	8' Spacing
For 3' to 6' high fence.....	22c per lineal foot	9c per lineal foot
For 7' and 8' high fence.....	33c per lineal foot	13c per lineal foot
For 9', 10', 11' and 12' high fence.....	44c per lineal foot	17c per lineal foot

6: If 1½" O. D. top rail is used instead of 1½" O. D. top rail with light construction tennis fence, charge 4c per lineal foot extra.

7. Where specifications call for 3" O. D. line posts, add 3c per square foot of fabric height to the price of 2½" O. D. line posts.

ROBERTSON COPPER-BEARING STEEL HOT DIPPED GALVANIZED AFTER WEAVING CHAIN LINK FABRIC

Delivered Net Price Per Lineal Foot. CARLOAD or LESS CARLOAD.

Mesh Inches	Gauge	Weight per 100 Sq. Ft. Pounds	3'	3½'	4'	5'	6'	7'	8'	9'	10'	11'	12'
2	11	52											
2	9	79											
2	6	133											
1¾	11	57											

- NOTE. 1. A carload quantity of FABRIC ONLY aggregates 40,000 pounds for delivery to one purchaser to one destination.
2. A shipment amounting to a carload as provided in Note 1 above shall be sold at a discount of percent from the above prices.
3. For 1½" mesh No. 9 guage chain link fabric use same list prices as for 2" mesh No. 6 guage.
4. For Galvanized before woven Fabric deduct 1 cent per square foot of Fabric height only from complete Fence and Fabric price. Make no reduction for GALVANIZED BEFORE WOVEN FABRIC filler used in Gates and Panels.

ROBERTSON GALVANIZED TUBULAR TERMINAL POSTS

Delivered Net Price Each Complete With Fittings. CARLOAD or LESS CARLOAD.

Height of Fence	2" O. D. End or Gate	2" O. D. Corner	2½" O. D. End or Gate	2½" O. D. Corner	3" O. D. End or Gate	3" O. D. Corner	4" O. D. End or Gate	4" O. D. Corner	6⅝" O. D. Gate	8⅝" O. D. Gate
3 Ft. to 4 Ft.	3.85	3.85	4.40	4.40	6.05	6.05				
5 Ft.			5.00	6.00	7.25	8.25	11.00	12.00	35.00	57.50
6 Ft.			8.50	12.25	11.00	14.75	15.50	19.00	37.75	60.75
7 Ft.			9.25	13.25	11.75	15.75	16.75	20.50	40.50	64.00
8 Ft.			10.00	14.25	12.50	16.75	18.00	22.00	43.25	67.25
9 Ft.			10.75	15.25	13.25	17.75	19.25	23.50	46.00	70.50
10 Ft.			11.50	16.25	14.00	18.75	20.50	25.00	48.75	73.75
11 Ft.					14.75	19.75	21.75	26.50	51.50	77.00
12 Ft.					15.50	20.75	23.00	28.00	54.25	80.25

- NOTE. 1. Standard post size for LAWN FENCE GATES
2" O. D. Gate Posts are used up to and including 6' single or 12' double gates.
2. Standard post size for MEDIUM WEIGHT GATES (except tennis court gates):
2½" O. D. gate posts are used up to and including 4' single or 8' double gates.
3" O. D. gate posts are used for over 4' up to and including 8' single gates and over 8' up to and including 16' double gates.
4" O. D. gate posts are used for over 8' up to and including 12' single gates and over 16' up to and including 24' double gates.
3. Standard post sizes for HEAVY WEIGHT GATES and TENNIS COURT GATES:
3" O. D. gate posts are used up to and including 6' single or 12' double gates.
4" O. D. gate posts are used for over 6' up to and including 13' single gates and over 12' up to and including 26' double swing gates.
6⅝" O. D. gate posts are used for over 13' up to and including 18' single gates and over 26' up to and including 36' double swing gates.
8⅝" O. D. gate posts are used for all single swing gates over 18' or double gates over 36'.
4. SLIDING GATE post prices are figured at corresponding overall height of fence. Example, sliding gate with 12' overhead clearance and to match 7' Style 600 fence, figure the gate posts as being 7' overall.
4" O. D. posts are standard for sliding gates up to 30' in width. Although three posts for single and four posts for double sliding gates are furnished, CHARGE FOR ONLY TWO.
5. Latch post for a gate shall not be smaller than standard end post for style of fence used.
6. Terminal post measurements must be included in the line of fence in figuring costs.
7. Whenever a straight line of fence changes direction more than 10 degrees, charge must be made for a corner post at this point.
8. Where fence lines meet, requiring a three or four-way post, charge the same price as for a corner post.
9. Terminal post prices include brace and brace rod in heights 6' and over.
10. Make no allowance for truss braces nor any part of standard bracing where same are omitted.
11. If the size of an end or gate post is not standard, charge for the next larger standard size.
If concrete wall is erected and holes are prepared for posts less than standard length, charge for full length posts. Make
12. no extra charge for wall flanges if required.
13. When there are sudden changes in grade making it advisable to use Pdll Post, charge same as for corner posts.
14. For braces (if required) with 3' to 5' fence add \$2.50 for each end and gate post and \$5.00 for each corner post.

ROBERTSON GALVANIZED CHAIN LINK GATES

Made for All Styles of Fence. Complete with Fittings. Delivered Net Price Per Lineal Foot. CARLOAD or LESS CARLOAD.

Size of Frame	Used With	Height Over All	Style of Gate	Width of Opening	Price Per Lineal Foot
2' O.D.	Heavy Weight	5', 6', 7', 8'	Single or Double Swing	Up to and including 44 feet	\$6.00
1 5/8" O.D.	Medium Weight	5', 6' only	Single or Double Swing	Up to and incl. 12' Single or 24' Double	5.00
1 5/8" O.D.	Tennis Court	7' (transom panel above)	Single Walk	Up to 6' (3'-6" recommended)	5.50
1 5/8" O.D.	Tennis Court	Full Fence Height	Double Drive	Up to 12' (10'-0" recommended)	5.50
2' O.D.	Heavy Weight	5', 6', 7', 8'	Sliding Walk	4' to 8' (Clearance 8'-0")	10.00
2' O.D.	Heavy Weight	5', 6', 7', 8'	Sliding Drive	8' to 30' (Clearance 12'-0")	10.50
2' O.D.	Heavy Weight	5', 6', 7', 8'	Sliding R. R.	18' to 30' (Clearance 22'-0")	12.00
1 3/8" O.D.	Light Weight	3', 3 1/2', 4'	Single or Double Swing	Up to and incl. 8' Single or 16' Double	2.25
1 1/8" O.D.	Light Weight	3', 3 1/2', 4'	Single or Double Swing	Up to and incl. 7' Single or 14' Double	1.75

- NOTE. 1. When estimating cost deduct gate width footages from overall fence measurement but ADD IN GATE WIDTH FOOTAGES when figuring erection costs.
2. All gates are charged for on the actual opening inside to inside of gate posts including the fractional part of a foot.
3. On gates (except for tennis courts) where over all height exceeds 8', add 50c per lineal foot for each foot over 8'.
4. Tennis court gate prices (based on the height of gate itself) include transom and are supplied only to match tennis court fence heights.
5. It is recommended that 18 ft. width between posts be used for railroad gates when possible. When not possible, charge for actual width of gate opening. Usual ground clearance is 9 inches.
6. When Cantilever type sliding gates (slide gates without overhead track) are specified, use same prices as for standard overhead track type using \$10.00 per lineal foot of opening for sizes 4 ft. to 8 ft. in width and \$10.50 per lineal foot on sizes 8 ft. and wider, plus standard extra for height when used with fences over 8 ft. high.

REMOVABLE PANELS having frame work made from 1 5/8" O. D. galvanized pipe properly braced, fabric either 6 or 9 gauge galvanized after weaving. Made for all styles of fence, height overall: 5, 6, 7, or 8 feet.....net delivered price per lineal foot, \$5.00.

- NOTE. 1. On removable panels where overall height exceeds 8' add 50c per lineal foot for each foot over 8'.
2. Posts for Removable Panels are extra. Use 3" O. D. end post prices shown above for corresponding overall height of fence.
3. Panel prices are the same for carload or less than carload shipments.

FAN PANELS for any height of fence, price each.....\$27.50

ROBERTSON CHAIN LINK ROAD GUARD FABRIC

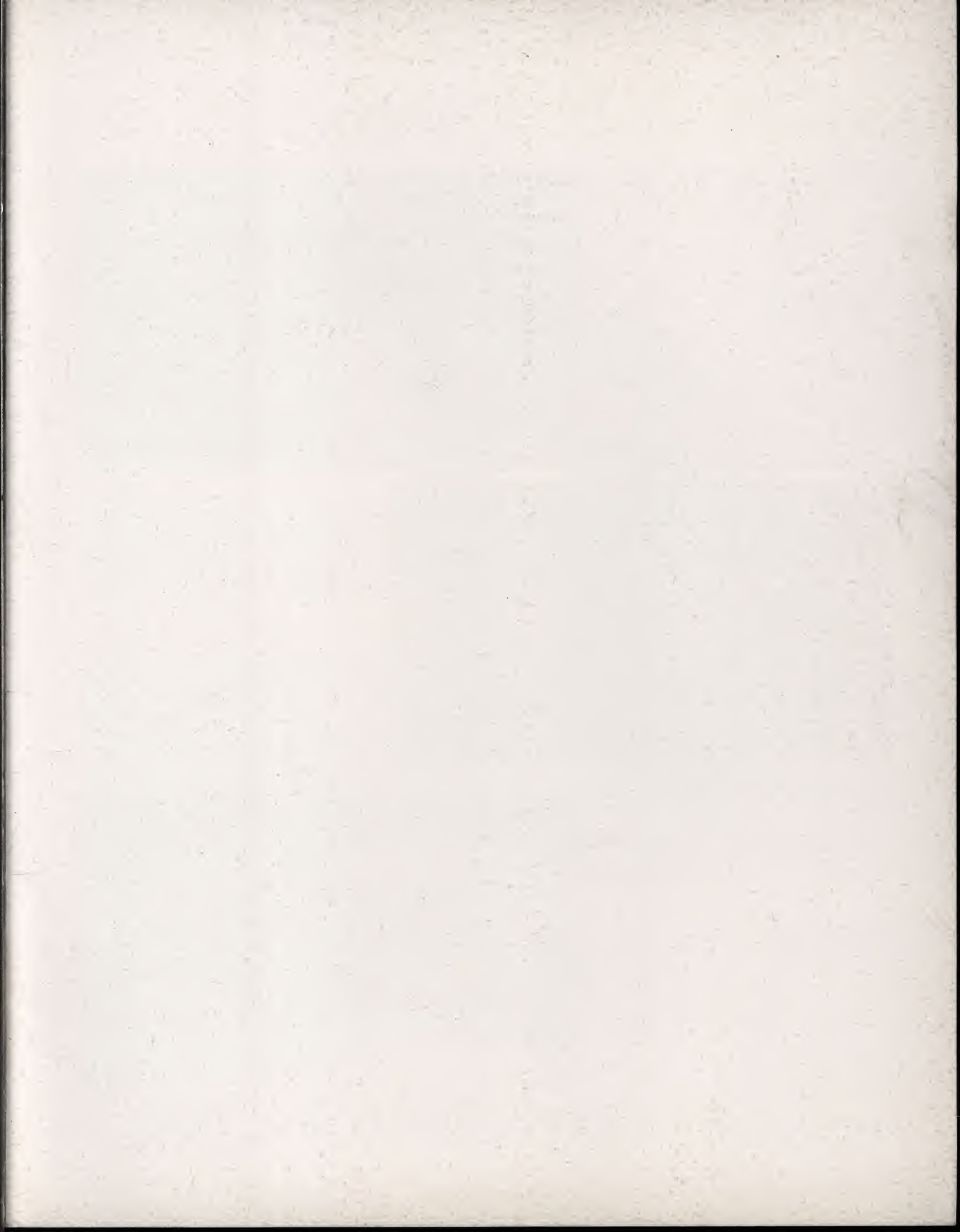
Made in two styles, 2" square mesh No. 6 gauge also 3" x 6" diamond mesh No. 4 gauge heavy construction. Same prices apply on either style. Sufficient 2" long No. 6 gauge galvanized staples for erection furnished with either style. Guard is 24" wide, knuckled top and bottom, hot dipped galvanized after weaving, rolls 100 ft. each.

	Galvanized	Galvanized and Painted White
	Per Foot	Per Foot
CARLOAD		
LESS CARLOAD		

- NOTE. 1. A carload of chain link Road Guard fabric shall consist of a minimum of 12,500 lineal feet.

ADDITIONAL INSTRUCTIONS

- See separate price sheets for prices on complete fences 4 ft. and lower, fittings and diamond mesh ROBERTSON Estate chain link fabric.
- To compute prices for fences over 12 ft. in height, add to the 12 ft. price for each additional foot in height, the difference between the price for 9 ft. and 10 ft. high fence of the same style. Where 3 rails are required for fences over 12 ft. in height, charge standard extras for bottom rail.
- For intermediate heights of fence not shown on standard list price, use list price for the next higher height. Example: If a 66" high fence is wanted, use 72" list price.
- If customer desires to furnish his own barbed wire, or if for any other reason it is omitted, deduct 1c per lineal foot from the list price of lin. fence (not per strand of barbed wire). This applies whether fence has 3, 4, 5 or 6 strands of barbed wire.
- (a). Wherever the end of a fence is attached to a concrete pillar, pier, wall or existing terminal posts, when the fence to be attached is of no greater height, charge \$2.25 at each juncture for each stretch of fence 5 ft. high and lower, \$5.50 at each juncture for each stretch of fence 6 ft. and higher. Where fence to be attached is of greater height than existing structure charge regular schedule for terminal posts.
- (b). If gates are hung on pillar, pier, wall or existing posts, make no additional charge..



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